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# TRANSMITTAL **FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number Filing Date First Named Inventor John Kenneth Amick Art Unit 2124 **Examiner Name** Paul H. Kang **Attorney Docket Number** 

ENCLOSURES (Check all that apply)				
	Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)	Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence	After Allowance Communication to TC  Appeal Communication to Board of Appeals and Interferences  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information	
	Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority	Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  Landscape Table on C	below):	
	Document(s)  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53			
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT				
Firm Name				
Signature John Kenneth Amick				
Printe	d name John Kenneth Amick	John Kenneth Amick		
Date	March 2, 2007		Reg. No.	

CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature Date March 2, 2007 Melodie Kleiman Typed or printed name

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



# JOHN KENNETH AMICK 980 NW 49<sup>TH</sup> WAY COCONUT CREEK, FLORIDA 33063 Telephone (954) 975-3784

March 1, 2007

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re: Amendment in Response to Office Action

Application No.

: 09/556,439

**Applicant** 

: John Kenneth Amick

Filed

: 04/24/2000

TC/A.U.

: 2124

Title

: A VIRTUAL VOICE/COMPANY/NETWORK TOOL KIT,

METHOD, AND COMPUTER PROGRAM PRODUCT

Examiner

: Paul H. Kang

Hon. Sir:

Enclosed please find amendment in Response to Office Action dated 2/07/2007, requesting that each claim be provided with the proper status identifier. In my last submission, the claims previously submitted as 32-70 were withdrawn and replacement claims were submitted with the identifier of "new." The examiner has indicated that the claims did not have proper status identifiers, so, in this submission, the claims previously submitted as 32-70 are cancelled and are replaced by claims numbered 71-121, with the identifier of "new." The content of the claims is the same as previously submitted with the exception of the correction of a typographical error in the claim previously numbered 47 and now numbered 86. Hopefully, that will meet the examiner's objections.

The Office Action dated 2/07/2007 also requested amendments to the drawings, but none of the sub-boxes was checked to indicate what should be amended. I called the examiner but he was on vacation until a few days before my response was due. I called his supervisor many times, but did not receive a call back. I called the patent help center but they refused to comment and told me I had to speak with the examiner. As a result, I assumed the requested amendments were also for new identifiers on the drawings, which have now been provided.

I hope that this will satisfactorily meet the examiner's objections. If not, please let me know what it is that is being requested.

Please do not enter any previously filed unentered amendments.

Very truly yours,

John Kenneth Amick

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

### Object/Software Construct/Class of Service Documentation:

#### OBJ/SC/COS 0

Unassigned D.I.D. mailboxes. NOTE: A silent D.I.D. mailbox greeting must be recorded.

Non-area code specific Object.

### Description:

The number of a mailbox placed in this Object matches the number that will be received by the Call Processor Portion of the Node or Hub after any and all translations are accomplished. This number is generated when a caller reaches a telephone number issued to a customer. As numbers in Object 0 are not currently issued but are defined and can still be reached from the outside world, they are kept in Object 0. When one of these numbers is dialed, the following recording is played: "You have reached an unassigned telephone number, please hang up and try again." No input is accepted from the caller. No message is taken which prevents unwanted messages such as those left by automatic dialers from consuming storage. The caller hears, "Goodbye" and is dropped.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 1

+

Company greetings, no associated extension or telephone number, no messages may be recorded. Play greeting twice and disconnect.

Non-area code specific Object.

# Description:

The caller hears a recorded message and may enter an extension number or select a menu choice. No numbers are dialed automatically upon a caller reaching this mailbox. If the caller takes no action, the greeting is played twice and the caller is dropped.

If a programming language other than C, C++, Visual C++, or other high level command line language is used, adjust the programming as required to program each Object/Software Construct.

Art

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct/ as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 2

Disconnect from caller. Play silent greeting and hang up. No input is accepted from the caller.

Non-area code specific Object.

### Description:

Commonly used as part of a configuration where there is a need to play a recording and while the recording is being played, allow the user to take an action such as entering an extension number or making a choice. If no selection or choice is made after the recording is played, there is a moment of silence while the caller is moved to a mailbox and placed in Object 2 where they may or may not hear a second recording depending on the application desired. No input is accepted from the caller. After the moment of silence or the second recording is played, the caller is dropped.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 3

Company greetings, no associated extension or telephone number, no messages may be recorded. Play greeting and disconnect.

Non area code specific Object.

Description:

The caller hears a recorded message and may enter an extension number or select a menu choice. If the caller takes no action, the caller is dropped.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 4

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Object dedicated to one of a kind, client specific application.

Description:

The caller hears a recorded message and may enter an extension number or select a menu choice. If the caller takes no action, the caller is dropped.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 5

Voice Response Server prompt mailboxes.

Store recordings used by the Voice Response Server.

Description:

Store recordings used by the Voice Response (IVR) portion of the Node or Hub.

If a programming language other than C, C++, Visual C++, or other high level command line language is used, adjust the programming as required to program each Object/Software Construct.

Art

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

#### OBJ/SC/COS 6

Pilot mailbox for Voice Response Server message pool.

Store recordings used by the Voice Response (IVR) Server application processor.

Description:

The lead mailbox number of a list of mailboxes responsible for the storage of application controlled messages.

If a programming language other than C, C++, Visual C++, or other high level command line language is used, adjust the programming as required to program each Object/Software Construct.

Art

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

### Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 7

Fax only with voice annotation.

Non-area code specific Object.

Description:

Any mailbox placed in this Object will accept only a fax with or without voice annotation. User input is accepted.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 8

Voice Response Server Error mailbox.

Store error recording used by the Voice Response Server (IVR) application processor.

Description:

Any mailbox placed in this Object is an error-handling mailbox for the Voice Response Server (IVR) portion of the POP or NOCC. User input is accepted.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 9

Fax on demand. Prints the first fax in each mailbox.

Non-area code specific Object.

Description:

Prints only the first fax stored in a mailbox placed in this Object.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

OBJ/SC/COS 10

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Application Processor control.

Non-area code specific Object.

Description:

Takes the caller to Application Processor Control. A caller who reaches a mailbox in this Object is provided services by the Voice Response Server (IVR) application associated with that mailbox which acts as a call identification number.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 11

Plays greeting once; after greeting plays, use extension number for next mailbox.

Non-area code specific Object.

# Description:

Normally used to play a recording once which may give the caller enough time to take an action such as dialing an extension or selecting a choice. After greeting plays or if the caller takes no action, the caller is moved to a different part of the application. Also used as a way to rapidly and automatically move a caller from one mailbox to another.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 12

Play greeting twice; after greeting plays, use extension number for next mailbox.

Non-area code specific Object.

### Description:

Normally used to play a recording twice, which may give the caller enough time to take an action such as dialing an extension or selecting a choice. After greeting plays or if the caller takes no action, the caller is moved to a different part of the application. Also used as a way to rapidly and automatically move a caller from one mailbox to another.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 13

Block access to system distribution pilot numbers.

Non-area code specific Object.

Description:

Access to a distribution list whose pilot number is placed in this Object is restricted to users with special mailbox programming.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 14

Fax overflow mailboxes (M/Bs)

Non-area code specific Object.

Description:

Used to provide a "fax store and forward" service to a client. When a fax machine on the client's premise is busy or no answer, the caller is forwarded to a mailbox in this Object that provides fax tone, takes a fax, and repeatedly attempts to deliver the fax back to the originally called fax machine until successful.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 15

Call number first before playing greeting, record message option. Offsite only if urgent. May receive fax.

Object dedicated to one of a kind, client specific application.

# Description:

Ring an extension, if busy or no answer, play a greeting, take a message, and activate "offsite message waiting" if the caller marked the message urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting the caller may enter an extension number or select a choice.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

#### OBJ/SC/COS 16

Call number first before playing greeting, record message option. Station has multiple mailboxes, ask before connecting. Offsite only if urgent. May receive fax.

Object dedicated to one of a kind, client specific application.

# Description:

Ring a phone, if answered announce the call, if busy or no answer, play a greeting, take a message and activate "off site message waiting" if the caller marked the message urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting the caller may enter an extension number or select a choice.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 17

"Greeting on" stops numbers from being dialed, record message option. Offsite only if urgent. May receive fax.

Object dedicated to one of a kind, client specific application.

## Description:

Recording a greeting and turning the greeting on stops the extension number associated with a mailbox in this Object (if one exists) from being dialed. Mailbox will take a message and activate "off site message waiting" if the caller marked the message urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting, the caller may enter an extension number or select a choice.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 18

Professional voice.

Object dedicated to one of a kind, client specific application.

### Description:

Along with the normal features and functions given most users, a Mailbox placed in this Object has the privilege of being able to name mailboxes. Recording a greeting and turning the greeting on stops the extension number associated with a mailbox in this Object (if one exists) from being dialed. While listening to the greeting the caller may enter an extension number or select a choice.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 19

Forms.

Object dedicated to one of a kind, client specific application.

### Description:

This Object provides specific clients with an application that asks a series of questions one at a time and records the answers the caller gives in their own voice. After the questions are asked, the caller is given the option of reviewing their answers and rerecording them if so desired. Upon acceptance of the answers by the caller, the answers to the questions are placed in a mailbox specified by the client for further action.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 21

Page every time a message is left.

Object dedicated to one of a kind, client specific application.

### Description:

When placed in this Object, a mailbox with an internal extension will activate a pager every time a message is left during user specified time periods. Recording a greeting and turning the greeting on stops the extension number associated with a mailbox in this Object (if one exists) from being dialed. While listening to the greeting the caller may enter an extension number or select a choice.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software ConstructClass of Service Documentation:

### OBJ/SC/COS 30

Local call, call number first before playing greeting, record message option.

Non-area code specific Object.

### Description:

A mailbox placed in this Object will call an external telephone number without dialing an area code and if not answered, will play a greeting and record a message. While listening to the greeting the caller may enter an extension number or select a choice.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 31

Local call, call number first before playing greeting, record message option. Station has multiple mailboxes; ask before connecting.

Non-area code specific Object.

### Description:

Dial a telephone number without dialing an area code; if answered, announce the call; if busy or no answer, play a greeting and take a message. While listening to the greeting the caller may enter an extension number or select a choice.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 32

Local call, "greeting on" stops numbers from being dialed, record message option.

Non-area code specific Object.

### Description:

Recording a greeting and turning the greeting on stops the telephone number associated with a mailbox in this Object (if one exists) from being dialed. When the user turns off the greeting, a mailbox placed in this Object will ring a phone without dialing an area code. The mailbox will take a message. While listening to the greeting the caller may enter an extension number or select a choice.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 33

Local call, call number first before playing greeting, record message option. Offsite only if urgent. May receive fax.

Non-area code specific Object.

### Description:

Ring a phone without dialing an area code, if busy or no answer, play a greeting and take a message. Mailbox will take a message and activate "off site message waiting" if the caller marked the message urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting, the caller may enter an extension number or select a choice.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Object/Software Construct/Class of Service Documentation:

#### OBJ/SC/COS 34

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Local call, call number first before playing greeting, record message option. Station has multiple mailboxes; ask before connecting. Offsite only if urgent. May receive fax.

Non-area code specific Object.

### Description:

Ring a phone without dialing an area code. If answered, the call will be announced and the called party will be given the option to accept or reject the call. If busy or no answer, a greeting may be played and a message taken. Mailbox will take a message and activate "off site message waiting" if the caller marked the message urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting, the caller may enter an extension number or select a choice.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Object/Software Construct/Class of Service Documentation:

#### OBJ/SC/COS 35

Local call, "greeting on" stops numbers from being dialed, record message option. Offsite only if urgent. May receive fax.

Non-area code specific Object.

## Description:

Recording a greeting and turning the greeting on stops the telephone number associated with a mailbox in this Object (if one exists) from being dialed. When the user turns off the greeting, a mailbox placed in this Object will ring a phone without dialing an area code. Mailbox will take a message and activate "off site message waiting" if the caller marked the message urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting, the caller may enter an extension number or select a choice.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 36

Local call, blind transfer.

Non-area code specific Objects.

Description:

A mailbox in this Object will dial a telephone number without dialing an area code and then perform a blind transfer. The caller may dial no numbers and no messages may be recorded.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Object/Software Construct/Class of Service Documentation:

### OBJ/SC/COS 37

Local call, call number first before playing greeting, no messages, play greeting twice, allow user to dial.

Non-area code specific Objects.

## Description:

A mailbox in this Object will dial a telephone number without dialing an area code; if busy or no answer, the greeting will play twice, the user will be allowed to dial an extension or select a choice, no messages may be recorded.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

The following is an example of a set of area code specific Objects/Software Constructs. For clarity, only one set of area code specific Objects/Software Constructs is shown.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

### Example of Area Code Specific Objects/Software Constructs:

#### OBJ/SC/COS 50

(305) area code call; call number first before playing greeting; record message option.

Area code specific Objects.

### Description:

A mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number. If the call is not answered; the mailbox will play a greeting and record a message. While listening to the greeting the caller may enter an extension number or select a choice.

The following is an example of a set of area code specific Objects/Software Constructs. For clarity, only one set of area code specific Objects/Software Constructs is shown.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Example of Area Code Specific Objects/Software Constructs:

#### OBJ/SC/COS 51

(305) area code call; call number first before playing greeting; record message Option. Station has multiple mailboxes; ask before connecting.

Area code specific Objects.

### Description:

A mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number. If answered, it will announce the call; if busy or no answer, it will play a greeting and take a message. While listening to the greeting the caller may enter an extension number or select a choice.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

The following is an example of a set of area code specific Objects/Software Constructs. For clarity, only one set of area code specific Objects/Software Constructs is shown.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Example of Area Code Specific Objects/Software Constructs:

#### OBJ/SC/COS 52

(305) area code call; "greeting on" stops numbers from being dialed; record message option.

Area code specific Objects.

## Description:

Recording a greeting and turning the greeting on stops the telephone number associated with a mailbox in this Object (if one exists) from being dialed. When the greeting is turned off by the user, a mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number. The mailbox will take a message. While listening to the greeting the caller may enter an extension number or select a choice.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

The following is an example of a set of area code specific Objects/Software Constructs. For clarity, only one set of area code specific Objects/Software Constructs is shown.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

## Example of Area Code Specific Objects/Software Constructs:

#### OBJ/SC/COS 53

(305) area code call; call number first before playing greeting; record message option; offsite only if urgent; may receive Fax.

Area code specific Objects.

### Description:

A mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number. If busy or no answer, play a greeting and take a message. Mailbox will take a message and activate "off site message waiting notification" if the message was marked urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting the caller may enter an extension number or select a choice.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

The following is an example of a set of area code specific Objects/Software Constructs. For clarity, only one set of area code specific Objects/Software Constructs is shown.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Example of Area Code Specific Objects/Software Constructs:

#### OBJ/SC/COS 54

(305) area code call; call number first before playing greeting; record message option. Station has multiple mailboxes; ask before connecting. Offsite only if urgent. May receive Fax.

Area code specific Objects.

#### Description:

A mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number. If answered, the call will be announced and the called party will be given the option to accept or reject the call. If busy or no answer, a greeting may be played and a message taken. Mailbox will take a message and activate "off site message waiting if the message was marked urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting the caller may enter an extension number or select a choice.

The following is an example of a set of area code specific Objects/Software Constructs. For clarity, only one set of area code specific Objects/Software Constructs is shown.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Example of Area Code Specific Objects/Software Constructs:

#### OBJ/SC/COS 55

(305) area code call; call number first before playing greeting; record message option. Station has multiple mailboxes; ask before connecting. Offsite only if urgent. May receive Fax.

Area code specific Objects.

#### Description:

A mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number. If answered, the call will be announced and the called party will be given the option to accept or reject the call. If busy or no answer, a greeting may be played and a message taken. Mailbox will take a message and activate "off site message waiting if the message was marked urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting the caller may enter an extension number or select a choice.

The following is an example of a set of area code specific Objects/Software Constructs. For clarity, only one set of area code specific Objects/Software Constructs is shown.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Example of Area Code Specific Objects/Software Constructs:

#### OBJ/SC/COS 56

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(305) area code call; blind transfer.

Area code specific Objects.

Description:

A mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number and performing a blind transfer. No numbers may be dialed by the [[The]] caller and no messages may be recorded.

If a programming language other than C, C++, Visual C++, or other high level command line language is used, adjust the programming as required to program each Object/Software Construct.

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The following is an example of a set of area code specific Objects/Software Constructs. For clarity, only one set of area code specific Objects/Software Constructs is shown.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Example of Area Code Specific Objects/Software Constructs:

#### OBJ/SC/COS 57

(305) area code call; call number first before playing greeting; no messages; play greeting twice; allow user to dial.

Area code specific Objects.

### Description:

A mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number. If the number is busy or no answer, a greeting will play twice and the user will be allowed to dial an extension or select a choice; no messages may be recorded.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

#### OBJ/SC/COS 455

Object dedicated to one-of-a-kind, client specific application.

### Description:

Ring a phone without dialing an area code. If answered, the call will be announced and the called party will be given the option to accept or reject the call. If busy or no answer, a greeting may be played and a message taken. Mailbox will take a message and activate "off site message waiting" if the caller marked the message urgent. In addition, a mailbox placed in this Object will accept a fax. While listening to the greeting the caller may enter an extension number or select a choice.

This Object provides a special dynamic call blocking service to the company. When a caller enters a universal port they are given a numeric value that stays with them for the duration of the call. The caller may only reach an Object with the same numeric value or a "0" value.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

#### OBJ/SC/COS 456

Object dedicated to one-of-a-kind, client specific application.

### Description:

Takes the caller to Application Processor Control. A caller that reaches a mailbox in this Object is taken to the IVR application associated with that mailbox which acts as a call identification number.

This Object provides a special dynamic call blocking service to the company. When a caller enters a universal port they are given a numeric value that stays with them for the duration of the call. The caller may only reach an Object with the same numeric value or a "0" value.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

### Additional Examples of Objects/Software Constructs:

OBJ/SC/COS 457

(800) area code.

Object dedicated to one-of-a-kind, client specific application.

#### Description:

A mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number. If answered, it will announce the call; if busy or no answer, it will play a greeting and take a message. While listening to the greeting the caller may enter an extension number or select a choice.

This Object provides a special dynamic call blocking service to the company. When a caller enters a universal port they are given a numeric value that stays with them for the duration of the call. The caller may only reach an Object with the same numeric value or a "0" value.

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Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

#### OBJ/SC/COS 458

Object dedicated to one-of-a-kind, client specific application.

### Description:

Recording a greeting and turning the greeting on stops the telephone number associated with a mailbox in this Object (if one exists) from being dialed. When the user turns off the greeting, a mailbox placed in this Object will ring a phone without dialing an area code. Mailbox will take a message. While listening to the greeting the caller may enter an extension number or select a choice.

This Object provides a special dynamic call blocking service to the company. When a caller enters a universal port they are given a numeric value that stays with them for the duration of the call. The caller may only reach an Object with the same numeric value or a "0" value.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

#### OBJ/SC/COS 459

Object dedicated to one-of-a-kind, client specific application.

Used to automatically move callers to different parts of an application.

# Description:

This Object provides a special dynamic call blocking service to the company. When a caller enters a universal port they are given a numeric value that stays with them for the duration of the call. The caller may only reach an Object with the same numeric value or a "0" value.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick

Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

#### OBJ/SC/COS 460

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Object dedicated to one-of-a-kind, client specific application.

Used to automatically move callers to different parts of an application.

# Description:

This Object provides a special dynamic call blocking service to the company. When a caller enters a universal port they are given a numeric value that stays with them for the duration of the call. The caller may only reach an Object with the same numeric value or a "0" value.

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Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

OBJ/SC/COS 462

Object dedicated to one-of-a-kind, client specific application.

Description:

Plays an announcement twice and hangs up.

This Object provides a special dynamic call blocking service to the company. When a caller enters a universal port they are given a numeric value that stays with them for the duration of the call. The caller may only reach an Object with the same numeric value or a "0" value.

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Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

OBJ/SC/COS 463

Object dedicated to one-of-a-kind, client specific application.

Description:

Ring a phone without dialing an area code; if answered, announce the call; if busy or no answer, play a greeting and take the caller to a specific location in the client's configuration. While listening to the greeting the caller may enter an extension number or select a choice.

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Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

#### OBJ/SC/COS 464

Object dedicated to one-of-a-kind, client specific application.

# Description:

This Object provides a specific client with an application that asks a series of questions one at a time and records the answers that a caller gives in their own voice. After the questions are asked, the caller is given the option of reviewing their answers and rerecording them of so desired. Upon acceptance of the answers by the caller, the answers to the questions are placed in a mailbox specified by the client for further action.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C; C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

### Additional Examples of Objects/Software Constructs:

OBJ/SC/COS 465

Object dedicated to one-of-a-kind, client specific application.

# Description:

This Object provides a specific customer with an application that asks a series of questions one at a time and records the answers that a caller gives in their own voice. After the questions are asked, the caller is given the option of reviewing their answers and re-recording them if so desired. Upon acceptance of the answers by the caller, the answers to the questions are placed in a mailbox specified by the client for further action.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

OBJ/SC/COS 468

Object dedicated to one-of-a-kind, client specific application.

Description:

This Object provides time of day control so callers hear different appropriate recordings at different times of day.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

#### OBJ/SC/COS 469

Object dedicated to one-of-a-kind, client specific application.

### Description:

This Object provides time of day control so callers who press a "0" for the operator will be moved to different mailboxes during different times of day and after hours. One mailbox will ring a phone without dialing an area code; if answered, announce the call; if busy or no answer, play a greeting and take a message. The other mailbox takes a message without dialing a phone (normally used after hours or during lunch). While listening to the greeting the caller may enter an extension number or select a choice.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

OBJ/SC/COS 472

Object dedicated to one-of-a-kind, client specific application.

Description:

A mailbox placed in this Object has an intercept that can be controlled by time of day.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

OBJ/SC/COS 473

(718) area code; blind transfer.

Area code specific Objects.

Description:

A mailbox placed in this Object will dial a "1" and the above area code before calling an external telephone number and performing a blind transfer. The caller may dial no numbers and no messages may be recorded.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

OBJ/SC/COS 474

Object dedicated to one-of-a-kind, client specific application.

Description:

This Object provides time of day control so callers hear different appropriate recordings at different times of day.

A VIRTUAL VOICE/COMPANY/OFFICE NETWORK TOOL KIT, METHOD, AND COMPUTER PROGRAM PRODUCT John Kenneth Amick Application Number 09/556,439.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

#### OBJ/SC/COS 475

Object dedicated to one-of-a-kind, client specific application.

# Description:

The caller hears a recorded message and may enter an extension number or select a menu choice. No telephone numbers are dialed automatically upon a caller reaching this mailbox. If the caller takes no action, the greeting is played twice and the caller is dropped. A mailbox placed in this Object has a specific dedicated operator when a "0" is pressed.

Programming language such as C, C++, Visual C++ or other languages that can be used to create a GUI interface or proprietary high level command line language may be used to program the following Object/Software Construct as set forth herein.

# Additional Examples of Objects/Software Constructs:

OBJ/SC/COS 511

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Ports level

Ports level Object.

This is a fail safe Object where callers are sent when there is no identifying number coming from the PBX portion of the [[Node]] POP or [[Hub]] NOCC. This Object also comes into play when the Call Processor portion of the [[Node]] POP or [[Hub]] NOCC doesn't know what else to do with the caller due to a software or ring cadence error. This Object contains the greetings that are played during different times of day and the operator's mailboxes that are used when a caller presses "0".

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

John Kenneth Amick

**Applicant** 

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On March 2, 2007

MAR 0 2 2007

Melodie Kleiman

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